Title (en)
METHOD AND SYSTEM FOR CONSENT TO TIME-BOUND QUERIES IN A BLOCKCHAIN

Title (de)
VERFAHREN UND SYSTEM ZUR ZUSTIMMUNG VON ZEITGEBUNDENEN ABFRAGEN IN EINER BLOCKCHAIN

Title (fr)
PROCÉDÉ ET SYSTÈME DE CONSENTEMENT À DES DEMANDES LIÉES AU TEMPS DANS UNE CHAÎNE DE BLOCS

Publication
**EP 3900257 A4 20220921 (EN)**

Application
**EP 19898970 A 20191115**

Priority
- US 201816221992 A 20181217
- US 2019061620 W 20191115

Abstract (en)
[origin: WO2020131260A1] A method for automatically provisioning data for an opaque blockchain based on prior consent includes: receiving a consent request including transaction criteria and at least two digital signatures, the first digital signature generated by a regulating entity and the second digital signature generated by a moderating entity in a blockchain network; validating the first and second digital signature; digitally signing the received consent request using a private key of a first cryptographic key pair; transmitting the digitally signed consent request to the regulating entity; receiving a query request from the regulating entity, the query request including an executable query; executing the executable query to identify transaction data for electronic transactions in compliance with the transaction criteria; and transmitting the identified transaction data to the regulating entity.

IPC 8 full level
**H04L 9/00** (2022.01); **G06Q 20/10** (2012.01); **H04L 9/08** (2006.01); **H04L 9/32** (2006.01); **H04L 9/40** (2022.01)

CPC (source: EP US)
**G06Q 20/02** (2013.01 - EP); **G06Q 20/065** (2013.01 - EP US); **G06Q 20/3825** (2013.01 - US); **H04L 9/0637** (2013.01 - US); **H04L 9/0825** (2013.01 - US); **H04L 9/088** (2013.01 - EP); **H04L 9/14** (2013.01 - US); **H04L 9/3239** (2013.01 - EP); **H04L 9/3247** (2013.01 - EP US); **H04L 9/50** (2022.05 - EP); **H04L 63/00** (2013.01 - EP); G06Q 2220/00 (2013.01 - EP US); H04L 9/50 (2022.05 - US)

Citation (search report)
- [AP] US 2019034926 A1 20190131 - DAVIS STEVEN CHARLES [US]
- [A] US 2017344987 A1 20171130 - DAVIS STEVEN CHARLES [US]
- [A] BITFURY GROUP ET AL: "Public versus Private Blockchains", 20 October 2015 (2015-10-20), XP055381268, Retrieved from the Internet <URL:http://bitfury.com/content/5-white-papers-research/public-vs-private-pt1-1.pdf> [retrieved on 20170613]
- See also references of WO 2020131260A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
**WO 2020131260 A1 20200625**; EP 3900257 A1 20211027; EP 3900257 A4 20220921; EP 3900257 B1 20240124; EP 4332863 A2 20240306; EP 4332863 A3 20240605; SG 11202103482W A 20210729; US 11138598 B2 20211005; US 2020364705 A1 20201119; US 2021406881 A1 20211230

DOCDB simple family (application)
**US 2019061620 W 20191115**; EP 19898970 A 20191115; EP 24153242 A 20191115; SG 11202103482W A 20191115; US 201816221992 A 20181217; US 202117474601 A 20210914